

# Community Critiques Cost-Cutting Ideas in Front of Task Force

By Ana Lyons  
STAFF REPORTER

At community forums held on Thursday and Monday afternoon, students, faculty, and staff voiced concerns about MIT's preliminary cost-cutting report. Many worried about the report's recommendations, especially the proposals to increase undergraduate enrollment by 10 percent and to decrease the number of graduate students by 1,000. Staff were concerned about potential cuts to their retirement and health benefits.

The Institute-wide Planning Task Force and the Chair of the Faculty organized the community-wide forums to invite comments about the Task Force's preliminary report, which names over 200 ideas aimed at reducing MIT's spending by \$100–150 million over the next two to three years.

Nearly 100 community members went to the Thursday forum, and 32–155 was packed beyond capacity with 150 attending the Monday session.

Members of the task force leadership fielded questions, including Provost L. Rafael Reif, Vice Chancellor Steven R. Lerman '72, VP for Finance Israel Ruiz GM '01, Associate Provost Martin A. Schmidt '88, and Chair of the Faculty Thomas A.

Kochan, and addressed some of the audience's concerns. The discussions were moderated by Professors Lawrence E. Susskind PhD '73 and Susan S. Silbey on Monday and Thursday, respectively.

There were two forums, one Thursday at 6 p.m. in 10-250, and a second on Monday at 4 p.m., to ensure that "as many people as possible have the opportunity to attend," the Institute-wide Planning website said. The event was advertised as "an opportunity to learn more about the Task Force recommendations and next steps, to ask questions, and to share your thoughts and ideas."

Not many came with prepared questions, but discussion — initiated by an overview of the goals of the Planning Task Force — soon evolved into animated dialogue, covering a much wider scope.

One source of major concern was the idea to do away with guaranteed four-year housing for undergraduates. Students argued that living on campus is an important component of the student culture.

Community members also found fault with the proposal to increase the number of undergraduates by ten percent, or 400 students. Many were skeptical that increased enrollment

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# Juvenile Apprehended in Two Recent Non-Fatal Stabbings Close to Campus

By John A. Hawkinson  
NEWS EDITOR

A sixteen-year old black male was apprehended by the MIT and Cambridge police early in the morning on Monday, Aug. 31, after non-fatally stabbing a victim in association with a robbery at the corner of Brookline St. and Massachusetts Ave.

The victim, an adult male, was hospitalized and subsequently released, Cambridge Police Spokesman Frank Pasquarello said.

## Second of two stabbings

The same perpetrator is the principal suspect in an assault involving a knife that took place on the evening

of Friday, Aug. 28 at the Kendall T station, MBTA spokesman Joe Pesaturo said.

The victim was found about 9:30 p.m. outside the south entrance to the outbound platform. Transit police found the victim, 47 years of age, "lying on his back, cradling his left elbow which was bleeding, [and] being aided by another passenger," the transit police report said.

The victim sustained a 4" cut to his left elbow and a puncture wound to his right lower back, and was transported to Mass General Hospital.

The "assailant came from behind [the victim] and held a knife

to his throat while asking him for his money and laptop computer. The victim resisted and fled towards the fare gates where he became trapped. The suspect then swung wildly at him with the unknown instrument," the police report said. The victim also said that the assailant did not get anything from him.

A subsequent search did not find the knife.

## Chase in Cambridgeport

Shortly before 1:45 a.m. on the morning of Monday, Aug. 31, a man believed to be the same assailant stabbed another victim in association with a robbery at the intersection of Massachusetts Avenue and Brookline St., according to Pasquarello.

The perpetrator fled west down Brookline St., and MIT and Cambridge Police both responded, according to Pasquarello and the MIT Police Log.

The perpetrator was apprehended eight blocks later, in the vicinity of Erie St. and Brookline St.

The victim, an older male described as in his 50s or 60s, was hospitalized for several days, and was then released.

Because the perpetrator is a juvenile, much of the information regarding the crimes is restricted and not available to the public.



MENG HENG TOUCH—THE TECH

The Sloan Japan Club graduate student class of 2011 painted Japanese calligraphy at their show on Thursday by using a performer's head as a brush to write "MIT."

# Streamlined HASS Requirements May Make Debut for 2014 Frosh

By Natasha Plotkin  
NEWS EDITOR

Starting perhaps as early as next fall, MIT will introduce its new Humanities, Arts and Social Sciences requirements, which were simplified after a faculty vote last spring.

Gone will be the five-category

HASS-D system. The new HASS requirements will ask students to take one subject in each of three categories — humanities, arts, and social sciences. There will no longer be a distinction between HASS classes and HASS-D classes. All HASS classes will fall into one of the three categories.

Students will still have to complete a HASS concentration and eight HASS classes.

A HASS governance committee has been convened to oversee the transition. Much of the work is in categorizing classes into the new categories, said Associate Professor Jeffrey S. Ravel, chair of the committee.

The committee hopes to complete this work by spring, in time to work with the Registrar to put the new requirement in place for the freshman class entering MIT next fall, Ravel said.

If the committee does not complete its work in time, the new categorization system will instead go into effect in fall 2011, the deadline set by the faculty for implementation.

Current students might be allowed to opt in to the new system. The committee hopes to announce more information the spring.

To divide subjects into the three new categories, the HASS committee is working with all departments that teach HASS courses to decide where each class fits best.

The committee, which has met twice so far, is comprised of five faculty members from the School of Humanities, Arts, and Social Sciences, as well as one faculty member from the School of Engineering and one from the School of Science. As of last Friday, the committee was still looking for a faculty member from the School of Architecture and Planning and for two student representatives to join the group.

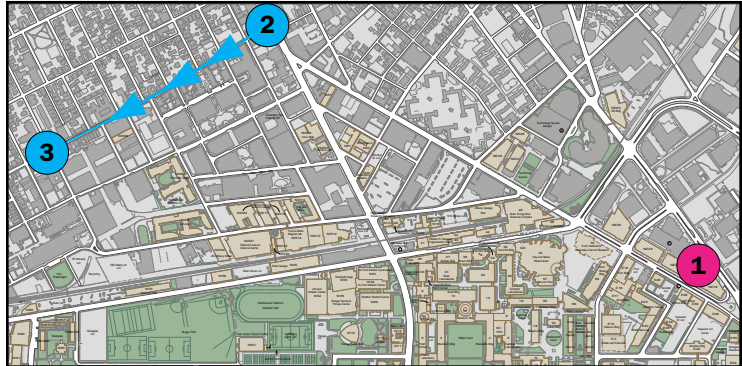
Of ten undergraduates interviewed by *The Tech*, none knew specifically what the new HASS-D system required, and most had not heard of the new requirements at all.

"The new system sounds better," said Olivia H. Bishop '11, "because you have more choices for classes so you wouldn't be taking classes you hate just because you have to satisfy a requirement."

"It's way easier to keep track of what you need to take, as opposed to the current system, which some advisors don't even understand," said Judy Hsiang '12.

After listening to an explanation of the new system, those students who had already completed most of their HASS-D classes said they would not opt to switch to the new HASS-D system even if given the option.

Those who had completed few HASS-D classes said they would choose whichever system would allow them to take the classes they wanted to take.



SOURCE: WHEREIS.MIT.EDU

Location of (1) Aug. 28 stabbing at the Kendall T, (2) robbery on Aug. 31 at Brookline & Mass. Ave. The assailant fled west and was apprehended at (3), in the vicinity of Erie and Brookline.

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Food production needs reform

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Shorter essays are more direct, honest

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## In Short

¶ **Noam Chomsky will be speaking** about grassroots democracy tonight from 6 p.m.–8 p.m. in 26-100. The event is open to the public and will be moderated by Professor Frank Solomon.

¶ **Got a big event? Need funding?** The LEF/ARCADE funding deadline is this Wednesday. For more details, visit <http://web.mit.edu/asa/resources/large-events.html>.

¶ **Carry around your camera this Thursday!** *Technique* is sponsoring A Day In The Life at MIT, a project to tell the story of a single day at MIT through as many lenses as possible. Carry around your camera and photograph your day. Register,

participate, and view the results at <http://aditl.mit.edu>.

¶ **Fred Fest II** is this Friday from 6 p.m.–11 p.m. in the East Campus courtyard. Gentlemen Hall will be performing, as well as MIT bands Moskwa and FORTAN.

¶ **Nobel Prize-winning astrophysicist George F. Smoot '66** proved he was smarter than a fifth grader last Friday when he became the second person to win the reality television show. Smoot came away with \$1 million.

¶ **B.J. Novak**, the Fall Festival Saturday performer, is here on Oct. 24; our last issue gave an incorrect date.

# WORLD & NATION

## General's Report on Afghanistan to Be a Catalyst for Obama

By Eric Schmitt

THE NEW YORK TIMES

WASHINGTON

Gen. Stanley A. McChrystal's 66-page report assessing the conditions in Afghanistan is serving to catalyze the thinking of a president about what he can realistically accomplish in this conflict, and whether his vision for the war and a commitment of U.S. troops is the same as his general's.

But even as President Barack Obama expresses skepticism about sending more U.S. troops to Afghanistan until he has settled on the right strategy, he is also grappling with a stark reality: It will be very hard to say no to McChrystal, the top commander of U.S.-led forces in Afghanistan.

The White House expects McChrystal's request to be not just for U.S. troops but for NATO forces as well. This week, the White House is sending questions about his review back to the general, and expects to get responses by the end of next week.

Obama has had only one meeting so far on the McChrystal review, but aides plan to schedule three or four more after he returns from the Group of 20 summit meeting in Pittsburgh at the end of this week.

Aides said it should take weeks, not months, to make a decision.

## Most Children Need Just One Shot Of Swine Flu Vaccine

By Donald G. Mcneil Jr.

THE NEW YORK TIMES

A single shot of swine flu vaccine appears to protect most children and teenagers nearly as well as it protects adults, federal health officials said Monday.

However, young children who have never had the flu or a flu shot need two doses, they said. So, to fully protect them against both swine and seasonal flu this year, those children will need four shots.

"I'm pleased to bring you more good news," Dr. Anthony S. Fauci, director of the National Institute of Allergy and Infectious Diseases, told reporters on Monday in a telephone news conference about the trials of the new vaccine his agency is overseeing. On Sept. 10, he reported that adults were protected by a single shot, rather than the two that many experts had predicted; the announcement effectively doubled the nation's supply of swine flu vaccine and halved the paperwork.

Preliminary results of the next round of trials, in pregnant women, are expected early next month.

## EU Defends Action Against Intel

By James Kanter and Kevin J. O'Brien

THE NEW YORK TIMES

BRUSSELS

The European Commission cited a series of damning e-mails to bolster its contention that Intel violated antitrust rules to keep its rival Advanced Micro Devices out of the chip market.

The documents, European regulators argued, show a pattern of intimidation that they assert was repeated across the industry as Intel bound its customers in a complex web of rebates and incentives aimed at hobbling AMD.

In one e-mail message, a Dell executive warned his boss that if Dell used chips from Advanced Micro Devices, the scale of retaliation by Intel would be so severe that Dell would "have to bite and scratch to even hold" its 50 percent discount on price of the Intel chips.

The European Commission's antitrust unit on Monday published the text of this e-mail message, from 2004, and a torrent of similar documents to back up its contention that the record \$1.5 billion fine it imposed in May against Intel was justified.

The documents, regulators argued, clearly show that computer manufacturers were sorely afraid to cross Intel, which holds 77 percent of the global market for computer chips, by buying from AMD, Intel's only serious rival, with 23 percent.

# Census Offers a Snapshot Tinted by Recession

By Sam Roberts

THE NEW YORK TIMES

A smaller share of Americans married, drove to work alone, owned a home or moved to a new residence last year than the year before.

More lived in overcrowded housing. Property values declined. And fewer immigrants arrived, which meant that for the first time since the beginning of the decade, the total number of foreign-born people in the country did not grow.

Those were among the findings released Monday in the Census Bureau's annual American Community Survey, a wealth of data comparing the nation's profile in 2008 with that of 2007.

Several experts, including Mark Mather, associate vice president for domestic programs at the Population Reference Bureau, said a number of the changes could be attributed to the national recession, which began at the end of 2007. The result is an early statistical snapshot of the economic downturn and the housing bust.

For example, after rising steadily since 2000, median home values dropped in 2008, and the homeownership rate fell half a point, to

66.6 percent, the lowest since 2002. Among blacks, who have been disproportionately affected by foreclosures, homeownership fell a full point, to 45.6 percent.

Furthermore, in a country where people typically move to take advantage of better job opportunities, those who changed residences fell to 15 percent in 2008, from a recent peak of 16 percent in 2006.

"Job loss, or the potential for job loss, leads to feelings of economic insecurity," Mather said, with implications for additional matters like the timing of divorce and marriage. Such insecurity appears to have added to a longer trend in which the share of people over age 15 who have never married increased to 31 percent last year from 27 percent in 2000.

The latest figures appear likely to fuel political debates on subjects as varied as health care (the rate of uninsured children last year ranged as high as 20 percent, in Nevada) and immigration (fewer newcomers appear to be illegal or unnaturalized immigrants).

Earlier private and government surveys suggested that immigration was slowing, but these were the first

annual census figures showing it to be stagnant.

"We've had an economic downturn, and that may well be affecting the attractiveness of the United States as a destination," said Thomas A. Gryn, a statistician with the bureau's immigration statistics staff. William H. Frey, a demographer at the Brookings Institution, said: "The general economic malaise in the U.S. has drawn fewer immigrants from Mexico and elsewhere. At the same time, there are increases in high-skilled immigrants from India" and some other Asian countries.

The statistics also showed that real median household income declined nationwide, rising in only five states — New York, New Jersey, Kansas, Louisiana and Texas — compared with 33 states in 2007. It ranged from \$37,790 in Mississippi to \$70,545 in Maryland.

Income inequality was highest in metropolitan New York, where the top fifth of households received 20 times as much as the bottom fifth.

The median price of an owner-occupied home fell nationally (by 2 percent, to \$197,600) and in 22 states.

# Ousted President Returns to Honduras

By Elisabeth Malkin

THE NEW YORK TIMES

MEXICO CITY

Three months after he was expelled in a dawn coup, the deposed president of Honduras, Manuel Zelaya, sneaked back into his country on Monday, forcing world leaders gathered in New York to refocus their attention on the political stalemate to the south and presenting a new challenge to the de facto government.

After what he described as a 15-hour trek through the mountains, taking back roads to avoid checkpoints, Zelaya and his wife took refuge at the Brazilian Embassy in Tegucigalpa. There he gave a series of interviews with the international news media, saying that he hoped to begin meeting with "prominent Hondurans" and members of the de facto government that ousted him to find an end to the crisis that has engulfed

the country since he was exiled on June 28.

His return appeared to have caught the de facto government by surprise. Roberto Micheletti, who was appointed president by Congress, initially denied that Zelaya had returned, calling the reports "media terrorism."

But on Monday evening, after imposing a nationwide curfew, he acknowledged Zelaya's presence but said it "changes nothing of our reality." He called on the Brazilian government to hand Zelaya over for arrest and trial.

The de facto government has said that Zelaya would be arrested if he tried to return, citing 18 charges against him, including treason.

Secretary of State Hillary Rodham Clinton said Monday evening that the two sides must find a way to talk. "It's imperative that dialogue

begin," she said.

President Oscar Arias of Costa Rica, who has led the international negotiations on Honduras, offered to go to Honduras to mediate if he were asked.

Zelaya has accepted a proposal offered by Arias that would restore him to the presidency with limited powers and grant an amnesty on all sides. Micheletti has rejected it.

No country has recognized the de facto government of Micheletti. The United States, the European Union, the International Monetary Fund and the World Bank have all suspended aid to Honduras in protest.

But the Micheletti government has stood fast, insisting that Zelaya was removed from office legally. Micheletti has promised to hand over power to a new president who will be elected in national elections scheduled for Nov. 29.

# WEATHER

## More Variable New England Weather

By Elizabeth Maroon

STAFF METEOROLOGIST

A friend of mine once said, "You can tell that it's fall when the skies are clear and blue." And while this did apply to many of our high school afternoons, it isn't quite as cut and dry here in Cambridge, where the weather varies more dramatically. Yesterday was such a day with completely clear skies due to high pressure off the coast. Today should also be fairly clear, with a few clouds here and there.

But as this high moves away, a low pressure system will approach us, bringing moisture and a chance of precipitation. A surface cold front should arrive early Wednesday morning, and with it, we may see some chance rain. If we see any precipitation, it should total no more than a quarter of an inch; the atmosphere should be fairly stable, so we shouldn't see too much convection. Winds will be fairly light, less than 10 mph. By Thursday, the chance for precipitation should be over, and we will likely see some sun, through a cloudy sky. A cold front that currently sits to the north of us in Canada will push through on Thursday and will likely lower temperatures later in the week. Fall is indeed upon us.

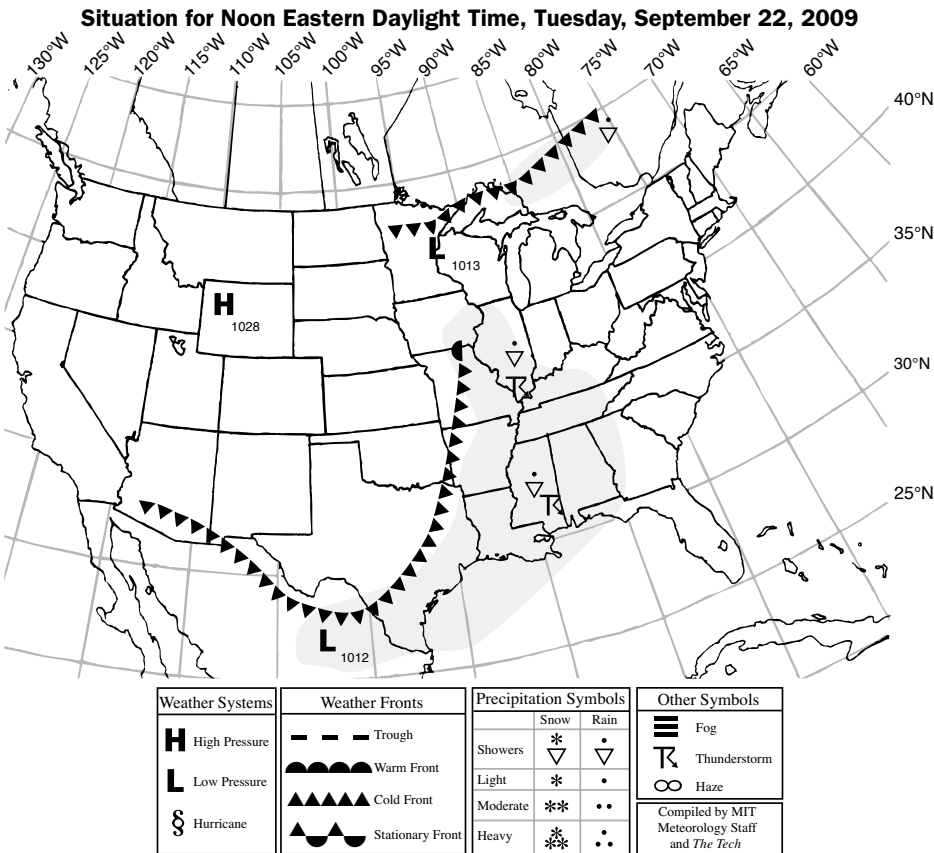
### Extended Forecast

**Today:** High around 77°F (25°C), and mostly sunny. Light winds below 10 mph.

**Tonight:** Low around 63°F (17°C) with clouds moving in.

**Tomorrow:** Mostly cloudy during the day with a chance of showers before noon, high around 84°F (29°C). Low near 62°F (16°C), with a slight chance of rain before 11 p.m.

**Thursday:** Mostly sunny with a high in the middle to upper 70s°F (25°C). Low in the upper 50s°F (14°C).





# White House Pushes In States’ Races

By **Jeff Zeleny**  
and **Adam Nagourney**  
*THE NEW YORK TIMES*

WASHINGTON

The White House’s intervention in the race for New York governor is the latest evidence of how President Barack Obama and his top advisers are taking an increasingly direct role in contests across the country, but their assertiveness has bruised some Democrats who suggest it could undercut Obama’s appeal with voters tired of partisan politics.

The overt involvement of Obama’s team in New York, where they have tried ease Gov. David A. Paterson out of the race, has made clear that this is a White House willing to use its clout to help clear the field for favored Democratic candidates and to direct money and other resources in the way it thinks will most benefit the administration and help preserve the Democrats’ majority in Congress.

The president’s top strategists have recruited candidates — and nudged others to step aside — in races in New York, New Jersey, Colorado, Pennsylvania, Illinois and Massachusetts. They said they intended to continue this practice heading into the 2010 midterm elections, as well as with an eye to the redistricting fights that will go on within states early in the next decade.

The intense involvement reflects the tactics and style of the White House chief of staff, Rahm Emanuel, who helped Democrats win the House three years ago as chairman of the party’s congressional campaign committee.

While some party officials applaud the White House for its efforts — there is widespread concern among Democrats that the party could suffer if Paterson runs — the actions are drawing alarm from some

Democrats who believe they cross a line and run contrary to Obama’s often-stated pledge to rise above partisan battles.

“The Democratic Party under Barack Obama did not come into office because of political calculation. It got there because of audacity,” said Rep. Joe Sestak, a Pennsylvania Democrat who ignored efforts by the White House to stay out of a primary race against Sen. Arlen Specter. “To be seen like you are selecting winners and losers in a party boss way will breed some resentment and in a longer term it won’t bode well.”

As Obama flew to New York on Monday, where he appeared briefly with Paterson, the White House played down any risks in becoming embroiled in state politics. “The hazards of the job,” said Robert Gibbs, the White House press secretary.

Karl Rove, the chief political adviser to former President George W. Bush, also aggressively intervened in state races to make sure Republicans were fielding strong candidates. But Rove faulted this White House for what he described as its clumsy handling of the situation in New York.

“This was particularly ham-handed,” Rove said.

Gov. Edward G. Rendell of Pennsylvania, a former chairman of the Democratic National Committee, said he thought the White House was acting correctly in trying to shape the outcome of races. But he suggested that Paterson could recover if the White House gave him time, and said the Obama team had not handled this case well.

“The president is the head of the party and he has a right to express his opinion,” Rendell said. “The only thing I would have done differently is not let it become known. This can’t be helpful to the governor.”

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# OPINION



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## Corrections

Because of an erroneous headline provided by the New York Times News Service, a headline in the World and Nation section of Friday's *Tech* incorrectly summarized the article that accompanied it. The article was about the Securities and Exchange Commission seeking to ban flash orders, a practice often associated with high-frequency trading, not high-frequency trading in general.

Because of an editing error, a letter to the editor by Dan Stuurca '10 about Alpha Tau Omega's expulsion from MIT incorrectly claimed that Sigma Phi Epsilon was expelled from the Interfraternity Council a decade ago. It was Sigma Alpha Epsilon, not Sigma Phi Epsilon, that was expelled.

The caption for the front page photo of Yellowstone Lower Falls in Friday's issue failed to disclose that the photo was both a stitched panorama image and a high dynamic range image.

## Letters To The Editor

### Food Production Needs Improvement

As a campus group that spends a great deal of time and energy considering the challenges of how we eat (as a global population, as a city, and as a campus), we were struck by the stark juxtaposition in Tuesday, September 15th's paper between an article about the Clover food truck and a McDonald's advertisement. Beyond the deep irony of placing an article about a food truck that provides our campus with fresh and healthy lunches next to an advertisement for the very symbol of the food system that we are working to improve, we see a host of challenges.

These challenges include whether and how

to use synthetic chemicals in agricultural production, how to manage water and nutrient sources, how to gauge the well-being of farmers and their employees, and how to create stronger market linkages between small producers, both in the developing world and in our region, and consumers that are looking for alternatives to mass-produced food items.

We acknowledge that McDonald's supply chain employs many agricultural workers worldwide, and recognize that shifting such an entrenched trading relationship will take time and care. That said, we believe a shift in food production is urgent and necessary, and we challenge companies like McDonald's to lead a charge toward a healthier food system.

We want MIT to be known for driving posi-

tive changes in the food system that lead to more nutritious, environmentally and socially healthy, and satisfying choices for everyone. While we have concerns about some of McDonald's sourcing, processing, and marketing practices, we also recognize that the company and its peers present an immense opportunity for improvement.

Our hope is that we can bring the discussion of food and nutrition to the fore as a critical challenge that this campus and our human population must address. We hope *The Tech's* readers, and the MIT campus at large, will join us in doing so.

The MIT Food Initiative  
<http://foodinitiative.mit.edu>  
[food-exec@mit.edu](mailto:food-exec@mit.edu)

## Dropping the Long Essay: Change for the Better?

### New MIT Application Will Minimize Stylization But Restrict Freedom of Choice

considering word count, assuming applicants stick to word limits, applicants will write at least 100 additional words this year. And considering essay content, three short essays require students to respond in three distinct and personal ways. This means that students are much less likely to "recycle" content from their Common Applications.

So what does a long essay have going for it? After all, they may pressure students to choose a single "paramount" character trait and expound on it for 500 words. They're also liable to be poked, prodded, and tinkered with by parents, teachers, and application advisers. Not to mention, they're difficult for students to write and probably difficult for admissions officers to read. So where's the upside?

I found that MIT's long essay allowed me to tell a story about myself. Granted, the new short essay questions that appear in this year's application were long-essay options in previous years, but applicants may find it difficult to adequately "describe the world [they] come from" in 200 words. A question like that is much more suitable for thoughtful development, not bite-sized admissions morsels. And a more open-ended long essay also lets admissions officers see where an applicant will go when they're given control. It may not sound nice, but allowing students to take their essay in the direction they want to could be revealing when it comes to deciding who is a good "fit" for MIT.

But as Dean of Admissions Stuart Schmill '86 pointed out in an interview for a September 18 *Tech* article, students still have the option of

including supplemental materials, including a longer essay, if they feel it may substantially add to their application. However, there may remain the perception that "supplemental" materials may not be valued as highly as the mandatory prompts.

Besides abandoning the long essay, are there better ways to overcome excessive "stylization"? Admissions might find it worthwhile to try alternative schemes before completely breaking from the long-essay format. For example, variations in tone and style of the long-essay prompt might elicit more genuine and more meaningful responses while preserving the freedom applicants have to craft their own story. Or, students could have a choice: write one long essay, or write two shorter ones, but not both. It may turn out that applicants self-select for those who express themselves best through long essays, and others who benefit from the focused topics of the short essays.

By gathering data using alternative application formats, and principally, formats which provide choice, Admissions may be able to design an even more effective application. But regardless, it is good to see that MIT Admissions is proactive in countering the effects of an increasingly competitive college admissions environment — namely, the immense pressure on high school students to create an application that represents who they think a college wants them to be. If abandoning the long essay can demonstrably counteract that pressure, then such a change should be greeted with open arms.

## Opinion Policy

**Editorials** are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Austin Chu, Editor in Chief Nick Bushak, Managing Editor Steve Howland, Executive Editor Michael McGraw-Herdeg, Opinion Editors Joseph Maurer and Ethan Solomon, and Senior Editor Andrew T. Lukmann.

**Dissents** are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

**Letters to the editor, columns, and editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to [letters@the-tech.mit.edu](mailto:letters@the-tech.mit.edu). Hard copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will

be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. Letters, columns, and cartoons may also be posted on *The Tech's* Web site and/or printed or published in any other format or medium now known or later that becomes known. *The Tech* makes no commitment to publish all the letters received.

**Guest columns** are opinion articles submitted by members of the MIT or local community and have the author's name in italics. Columns without italics are written by *Tech* staff.

## To Reach Us

*The Tech's* telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to [general@the-tech.mit.edu](mailto:general@the-tech.mit.edu), and it will be directed to the appropriate person. You can reach the editor in chief by e-mailing [eic@the-tech.mit.edu](mailto:eic@the-tech.mit.edu). Please send press releases, requests for coverage, and information about errors that call for correction to [news@the-tech.mit.edu](mailto:news@the-tech.mit.edu). Letters to the editor should be sent to [letters@the-tech.mit.edu](mailto:letters@the-tech.mit.edu). The Tech can be found on the World Wide Web at <http://www-tech.mit.edu>.

FUN

Page  
5

PAGES

Steal My Comic

By Michael Ciuffo



Sudoku

Solutions, page 9

7							3	4	
5					7				
		3	5		1		8	2	
			7	1		9	5		
1									7
	7	4		5	2				
3	1		9		8	4			
			1						9
	6	9							3

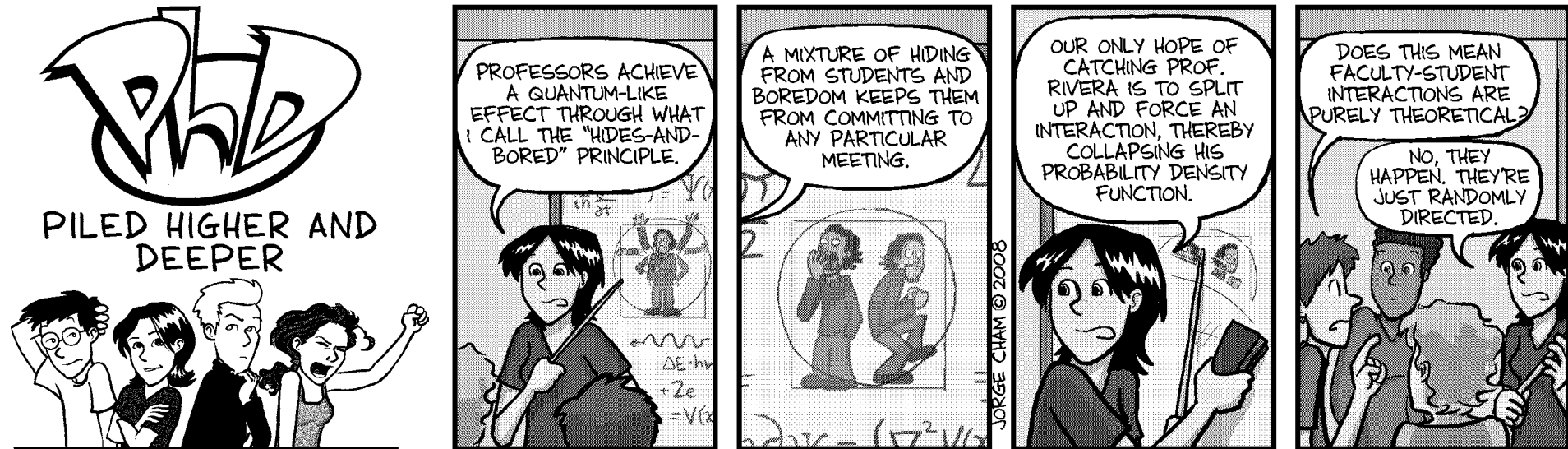
Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Crossword Puzzle

Solution, page 9

- ACROSS**  
1 Hold the lead  
5 Moolah  
9 Canada's \_\_\_ National Park  
14 Stitch's sidekick  
15 Melville novel  
16 Historian Durant  
17 Comet rival  
18 Comden/Green musical  
20 Legendary Cardinal  
22 Stan of sax jazz  
23 Pinup's leg  
24 Rainout remedy  
26 Bamako's land  
27 "Bambi" character  
28 Gunky stuff  
29 Extras  
31 \_\_\_ and file  
33 Daughter of Tom Cruise  
36 Discomfit
- 37 University in South Bend  
40 Fur merchant John Jacob  
43 Color changer  
44 Cuts and runs  
48 Kindling wood  
50 "Spin City" network  
52 Toshiba rival  
53 Channel island  
54 Cooperstown attraction  
58 Ms. Thurman  
59 Golf warning  
60 Deodorant type  
61 Delano or Alva, e.g.  
64 Australian lake  
65 Jose's January  
66 Reebok rival  
67 Weizman of Israel  
68 Impertinent  
69 Ex-Georgia senator Miller
- DOWN**  
1 Big house  
2 San Diego's sister-city  
3 Palin, to name one  
4 Roker of "The Jeffersons"  
5 Gridiron upright  
6 Big bird Down Under  
7 Ars \_\_, vita brevis  
8 Kind of pole  
9 Joan of folk  
10 Humerus location  
11 Famous falls  
12 Women and girls  
13 Language of Flanders  
19 Residents of: suff.  
21 Eighth mo.  
25 Natural vessel
- 26 Normand of silent movies  
30 Tillis or Shriver  
32 Eschew the doorbell  
34 "The Bridge of San Luis \_\_\_"  
35 Shangri-la-like  
38 Mork's planet  
39 Living in trees  
40 Takes on  
41 Lasting power  
42 Fulminations  
45 Break down  
46 Imation rival  
47 Ham actor's nosh  
49 Flat or loafer  
51 Corp. exec.  
55 Desi of Desilu  
56 Tear out  
57 Tears out  
59 "\_\_\_ Joy" (1972 Supremes hit)  
62 Hosp. figures  
63 Inch fraction

1	2	3	4		5	6	7	8		9	10	11	12	13
14					15					16				
17					18				19					
20				21			22					23		
24						25					26			
27				28					29	30				
31			32		33		34	35		36				
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48					49			50		51		52		
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61			62					63			64			
65						66					67			
68						69					70			

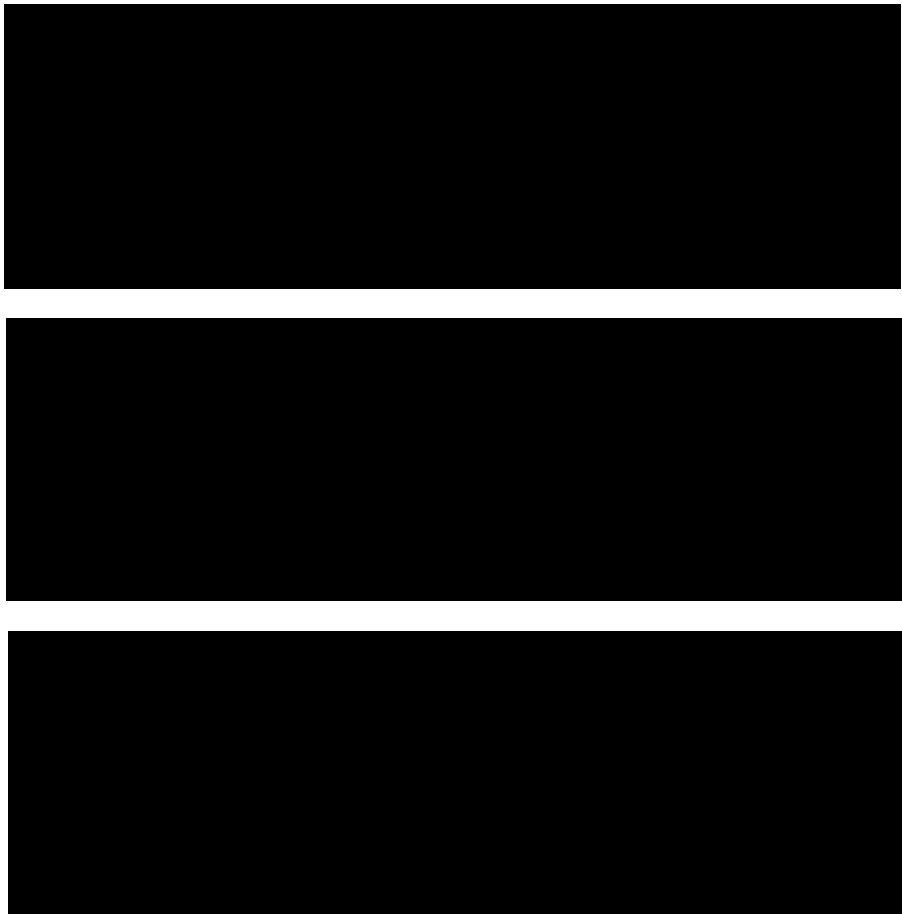


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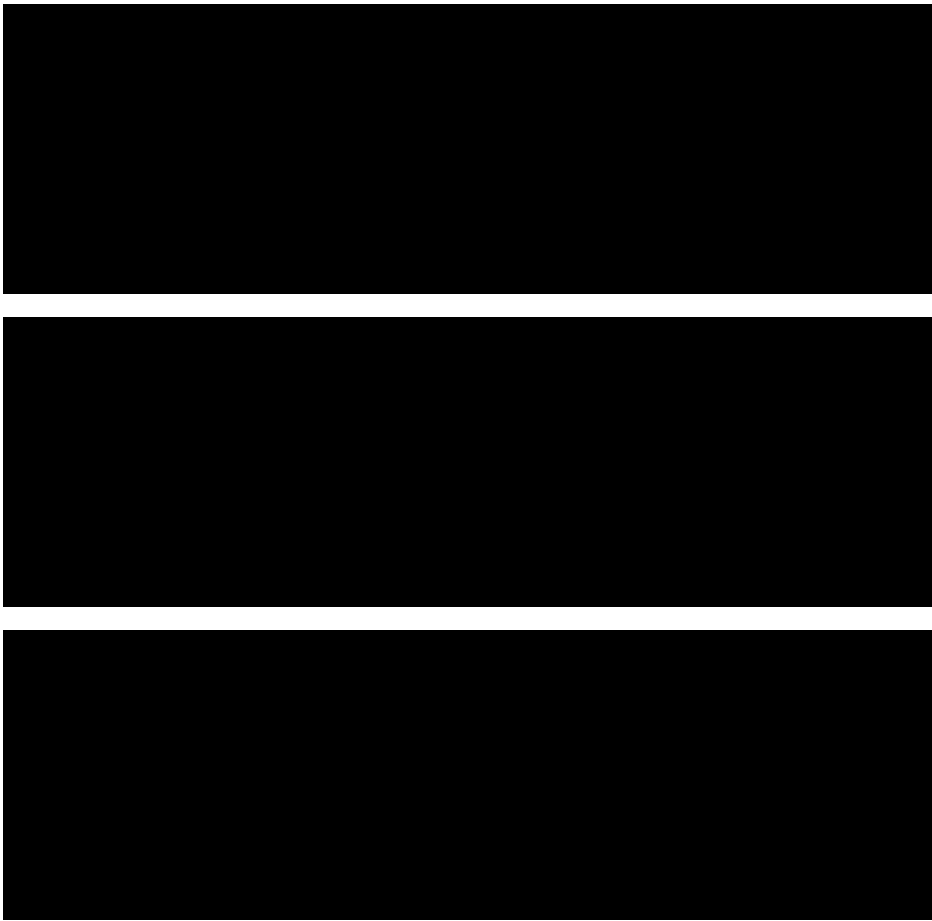
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BY GARRY TRUDEAU



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Susan Cohen

cohen@media.mit.edu

Application:

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Boston magazine,

August 2009

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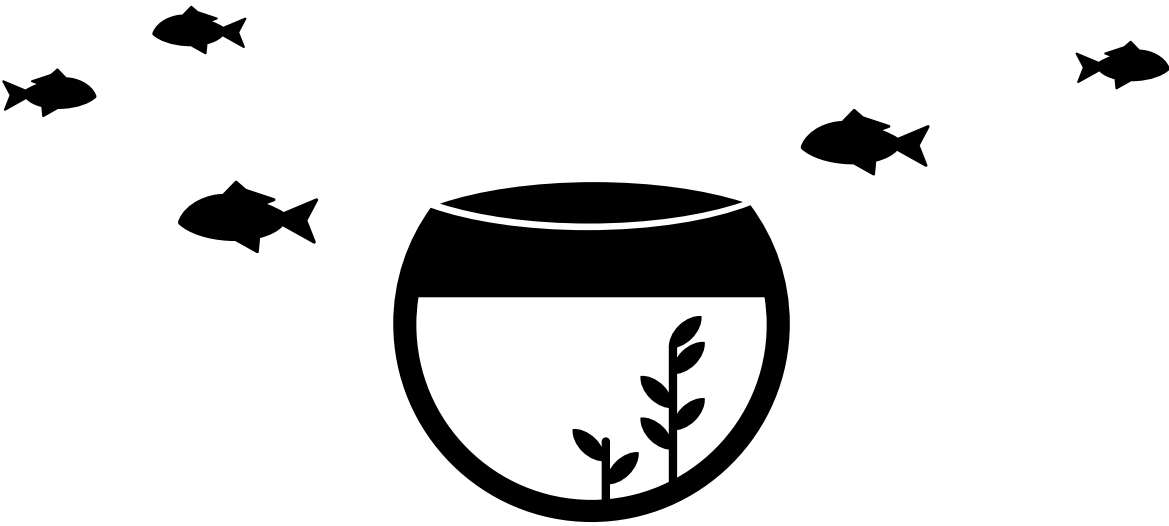
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# BCG

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# Will We Spend Less? Forum Invites Ideas

**Budget Cuts,** from Page 1

would actually generate a profit for the Institute. They also questioned whether there would be enough teaching staff and academic support to accommodate the influx of students.

**Concern Over Larger Class Sizes**

One person pointed out that there can be hidden costs to scaling up. Some courses, such as Physics II (8.02) cannot easily be expanded without doubling the infrastructure. “If you increase the class size by ten, we’d have to add another section,” he said. “We use the room in every hour of the week, so we’d need another room. We’d multiply the room cost by two, and that means more equipment and more staff.”

A proposal for expanding summer session and opening it to non-MIT students was discussed, which could potentially bring in \$5–6 million.

At the Monday forum, no one spoke against the idea, but on Thursday participants worried that summer session would drive up air-conditioning costs and burn out current MIT students.

“You will fry people. The tidal action of a break is critical to people that go at 112 mph,” said Edward J. Moriarty ’76, who teaches outreach programs for the Edgerton Center.

The Task Force also proposed a “3+2” option that would allow students to complete three years at a different university and two years at MIT to obtain a Master’s degree. There were also “e-learning” proposals. Neither idea received major discussion or complaints.

**Drop Date Could Move Up**

Another major concern brought up was the proposal to move add and drop dates earlier in the term; MIT’s drop date is later than most peer institutions. Catherine A. Olsson ’12 said that MIT’s drop date allows students to “take intellectual risks; we can try things out ... It’s a key part of undergraduate philosophy. Moving that date would have a really big impact; it’s not a small administrative detail for us.”

On Monday, Alvar Saenz-Otero ’98 said “I was really shocked to see sections on how to cut costs on academics, and how to cut costs on research, but no section on how to cut administration costs. The Task Force has to create that section, even if after the fact.”

Saenz-Otero suggested the Insti-

tute would be better off cutting 1,000 staff than cutting up 1,000 graduate students, which he said would disrupt MIT’s identity as a research institution. His statement was met with applause.

Concerns related to employee benefits were raised, including retirement benefits, additions of co-payments for specialized medical expenses, and the continuation of disability benefits.

While Kochan, the faculty chair, assured members of the community that the Task Force has “no intention or recommendation to take away the disability benefit,” the issue of retirement benefits was raised again on Monday. In response to some of the concerns about retirement benefit changes affecting current employees, Kochan said on Monday that “It’s very clear there has to be some kind of grandfathering for different kinds of [retirement] benefits.”

Concerning changes in co-payments for medical procedures, Head of MIT Medical William M. Ketytle said “we will be implementing co-pays for specialty services only, and not for students.” The additional co-payments are required by Massachusetts Mental Health Parity Laws, he said.

Union workers from Service Employees International Union Local 615 were also present at the Monday forum, in distinctive purple clothing. They read from a prepared statement expressing disappointment that the union was not directly invited to participate in the cost-cutting Task Force.

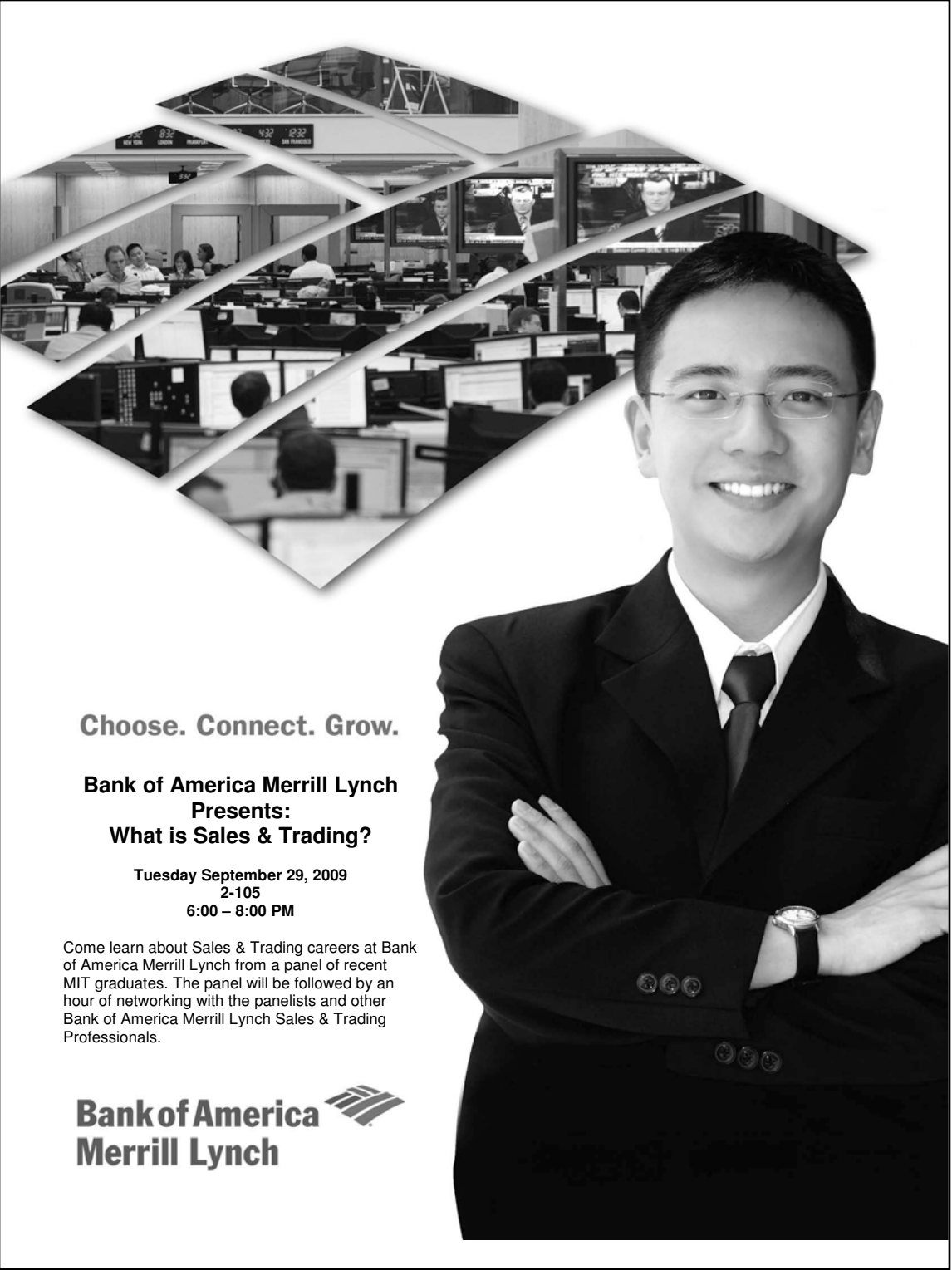
“Many of the recommendations contained in this report will impact our membership,” a Local 615 Union member said. “The union truly believes that open dialogue and transparency are in everyone’s interest.”

Schmidt, one of the task force coordinators, reminded community members that no decisions have been made. “This is just a [preliminary] report to summarize and discuss what the task force has recommended,” he said.

A copy of the Task Force’s report is available at <http://tech.mit.edu/V129/N31/tf/Preliminary-Report.pdf>. Comments, which can be anonymous and are screened before publication, can be left at <http://ideabank.mit.edu/>.

The final draft of the report will be released to the public at the end of October, Schmidt said.

*John A. Hawkinson contributed reporting to this article.*



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**Solution to Crossword**  
*from page 5*

S	T	A	R		G	E	L	T		B	A	N	F	F
L	I	L	O		O	M	O	O		A	R	I	E	L
A	J	A	X		A	U	N	T	I	E	M	A	M	E
M	U	S	I	A	L		G	E	T	Z		G	A	M
M	A	K	E	U	P		G	A	M	E		M	A	L
E	N	A		G	O	O		S	P	A	R	E	S	
R	A	N	K		S	U	R	I		A	B	A	S	H
				N	O	T	R	E	D	A	M	E		
A	S	T	O	R		D	Y	E	R		L	A	M	S
S	T	I	C	K	S		A	B	C		N	E	C	
S	A	R	K		H	A	L	L	O	F	F	A	M	E
U	M	A		F	O	R	E		R	O	L	L	O	N
M	I	D	D	L	E	N	A	M	E		E	Y	R	E
E	N	E	R	O		A	V	I	A		E	Z	E	R
S	A	S	S	Y		Z	E	L	L		S	E	X	Y

**FRIENDS  
DON'T LET  
FRIENDS  
DRIVE  
DRUNK.**

Ad Council U.S. Department of Transportation

**Solution to Sudoku**  
*from page 5*

7	2	1	6	8	9	3	4	5
5	4	8	2	3	7	6	9	1
6	9	3	5	4	1	7	8	2
8	3	2	7	1	6	9	5	4
1	5	6	8	9	4	2	3	7
9	7	4	3	5	2	1	6	8
3	1	5	9	2	8	4	7	6
4	8	7	1	6	3	5	2	9
2	6	9	4	7	5	8	1	3

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## Engineers Win UMass-Dartmouth Invitational

The nationally-ranked No. 9 MIT women's cross country team put on a dominant display en route to a first-place finish at the UMass-Dartmouth Invitational Saturday. Tech had four harriers among the top 11 finishers in a meet that featured many of the top squads in New England, including a number of New England Women's and Men's Athletic Conference (NEWMAC) schools.

Jacqueline M. Wentz '10, the Cardinal and Grey's top runner a year ago, returned to form after sitting out last weekend's Engineer's Cup race. Wentz was the top overall finisher, a feat she accomplished twice as a junior, breaking the tape 19 seconds faster than her nearest competitor with a time of 17:40. Maria J. Monks '10 was next across the line for the Engineers, completing the five-kilometer course in 18:08. Alina E. Gatowski '11 (18:31) and Brooke C. Johnson '13 (18:32) finished back-to-back in 11th and 12th place respectively. Only two teams, Rowan University and Keene State College, had a second runner ahead of MIT's fourth best. Chandler L. Burfield '13 added valuable points with a 33rd place showing to round out the scoring for Tech.

The Cardinal and Grey earned a total of 60 points to finish ahead of runner-up Brandeis University. This is the second consecutive year that MIT has captured the UMass-Dartmouth Invitational.

Tech will take part in the Cod Fish Bowl next Saturday, September 26 at Franklin Park. The race begins at 12:00 p.m.

—Greg McKeever, DAPER Staff

## SCOREBOARD

Men's Cross Country	
Saturday, Sept. 19, 2009	
UMass-Dartmouth Invitational	
MIT	6th of 37

Women's Cross Country	
Saturday, Sept. 19, 2009	
UMass-Dartmouth Invitational	
MIT	1st of 42

Football	
Saturday, Sept. 19, 2009	
Framingham State University	20
MIT (0-2)	16

Women's Volleyball	
Saturday, Sept. 19, 2009	
MIT (8-2)	3
Smith College	0

Men's Water Polo	
Wednesday, Sept. 16, 2009	
MIT (1-8)	6
Harvard University	9
Saturday, Sept. 19, 2009	
Brown University	8
MIT (1-9)	4
Saturday, Sept. 19, 2009	
Fordham University	10
MIT (1-10)	4



## U.S.-Cuba Relations: The Beginning of a Long Thaw?

Wed, Sept 23, 2009 | 4:30-6 PM

Wong Auditorium, E51-315 | 70 Memorial Drive

A free public event with leading experts  
Q&A to follow the discussion



MIT Center for International Studies  
STARR FORUM | web.mit.edu/cis

# Community Lecture Series Addir Fellows

## Womb to Tomb

From Womb to Tomb:  
Cultural and Religious Practices of  
Life Cycle Events among World Religions

Tuesday, September 22, 7:30 pm

W11—Religious Activities Center—Main Dining Room  
(corner of Amherst and Mass. Ave.)

### Panelists

Rabbi Michelle Fisher - Jewish Chaplain  
Imam Suheil Laher - Muslim Chaplain  
Rev. Amy McCreath - Episcopal Chaplain  
Swami Tyagananda - Hindu Chaplain  
Moderator - Robert Randolph - Chaplain to the Institute  
All are members of the MIT Board of Chaplains

Questions: ora@mit.edu  
Website: studentlife.mit.edu/rl/addir\_fellows

All are invited. Dessert will follow the program.



Addir is a word in Ancient Sumerian which means "bridge". In the Addir Fellows Program we aspire to build bridges of dialogue and understanding. The Addir Fellows MIT Interfaith Dialogue Program is sponsored by Office of Dean for Student Life and MIT Hillel in cooperation with the Board of Chaplains.

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  - Nanyang Technological University
  - National University of Singapore
  - Singapore Management University
  - Nanyang Polytechnic
  - Ngee Ann Polytechnic
  - Republic Polytechnic
  - Singapore Polytechnic
  - Temasek Polytechnic
  - in some instances other Singapore Institutes and recent graduates can be considered.
- ☒ You must identify a faculty member at your institute to act as a Faculty Mentor.
- ☒ You can work in a student team or as an individual. If working as a team, a team leader must be identified. Teams from multiple universities can be formed.

### Important Dates

14 September 2009 Grant Submission  
30 October 2009 Grant Closes, 5 pm  
30 January 2010 Award Grant

### Submission Process

The proposal must be submitted electronically to [explorergrants@smart.mit.edu](mailto:explorergrants@smart.mit.edu) by 30th October 2009, 5 pm, Singapore time.

Grant application form is available @ <http://web.mit.edu/smart/explorer>

For inquiries about the grant program, contact Howard Califano at [howard.califano@smart.mit.edu](mailto:howard.califano@smart.mit.edu) or visit our website at <http://web.mit.edu/smart/innovationcentre> for more information.



Singapore-MIT Alliance for Research and Technology

Innovation Centre  
inspired by the Deshpande Center at MIT





# SPORTS

## Engineers Fall to Framingham State in Football Home Opener

By Russell Spivak  
TEAM MEMBER

The crowd was in full force as the Rams of Framingham State University entered Steinbrenner Stadium at 1 p.m. on Saturday for the Engineers' home opener. With fans in full body paint and the band in uniform, the Engineers came out in a spirited defensive struggle.

Captain William J. Gibson '10 made the first break in the game with a sack and forced fumble, which was recovered by co-captain Alex F. Rubino '10. The Engineers were able to capitalize as Peter W. Gilliland '12 kicked a field goal to put MIT up 3-0. The next six drives were a tug-of-war of field position, including a missed field goal by Framingham's Phil Cosmos.

The Rams were the first team to enter the end zone, as they needed three rushes from inside the five to score on the Engineers' defense. The extra point put Framingham up 7-3, and the Rams would hold that lead going into halftime.

The Engineers came out spirited from the locker room and were able

to recapture the lead. Quarterback Kyle T. Johnson '11, who finished with 69 yards on the ground and 167 through the air, led the Cardinal and Gray down the field with a touchdown to Nathaniel C. Forbes '12. On the two following possessions, MIT and Framingham traded interceptions to eventually put the Rams in a 4th-and-7 situation on the Framingham 39 yard line. After lining up in a punt formation, the Rams successfully faked and passed for the first down. Framingham quarterback Patrick Franey was able to lead the Rams down the field to score and retake the lead at 14-10.

The Engineers responded vigorously, charging down to the Rams' red zone. After getting a first-and-goal opportunity, MIT was unable to capitalize and the Rams held their lead at 14-10. The Engineers' defense was able to hold strong and allow All-American Captain DeRon M. Brown '10 a touchdown of his own on a three-yard run.

The momentum shifted back in favor of the away team, however, as they were able to block Gilliland's extra point attempt. Franey, who

finished the day with 264 yards in the air, was able to drive the Rams through MIT territory and put Framingham back up. Though they were unable to convert on a 2-point conversion, it was too little too late: The Engineers couldn't mount a comeback in the final seconds.

The game, however, was not all negatives for the Engineers. The improvement, especially on the defensive side, showed a tremendous step in the right direction for the Engineers, who are in search of their first win of the season and the first under freshman Head Coach Chad Martinovich. After the game, Gibson said, "While we lost, I think we can take away a lot of positives from the game. Our defensive play improved tremendously from our first game, and we had great support from the stands."

The Engineers will face Nichols College away at 1 p.m. next weekend for Nichols' homecoming. This will begin MIT's divisional play, as neither Massachusetts Maritime Academy nor Framingham State are in the Engineers' Boyd Division of the New England Football Conference.



Defensive back Corey Garvey '10 makes a key tackle in Saturday's game against Framingham State at Steinbrenner Stadium.

### Framingham State Rallies Past MIT Football, 20-16

With 27 seconds remaining in regulation, Brandon Holbrook hauled in a 27-yard pass to give visiting Framingham State College a 20-16 victory over MIT on Saturday. The decision marked the second year in a row in which the Rams have registered a come-from-behind win over the Engineers.

MIT got on the scoreboard midway through the opening quarter on a drive that was set up on a fumble which was forced and recovered by Alexander F. Rubino '10 at Framingham State's 22 yard line. The Engineers got as close as the five-yard mark but had to settle for a field goal from Peter W. Gilliland '12. A defensive battle ensued as both sides combined for 83 yards over the next six drives.

The Rams nearly evened the game at the 8:03 mark of the second quarter, but a field goal attempt hit the right post. Following a punt by the Cardinal and Gray, David Leach grabbed a 14-yard pass and added a 14-yard run to move the ball to MIT's 21 yard line. Then, James McCarthy was brought down just shy of the end zone. On his third try, Leach plunged in for the touchdown to give Framingham State a slim 7-3 lead which would hold for the rest of the half.

The Engineers quickly regained the lead 2:22 into the third quarter. On a third-down and eight, Kyle T. Johnson '11 sprinted for 13 yards and later threw a 32-yard strike to Michael P. Fitzgerald '10 for another third-and-long conversion. On the ensuing play, Johnson found Nathaniel C. Forbes '12 for the go-ahead touchdown from 12 yards out. Both sides struggled to move the ball until Leach's 18-yard run moved the chains to MIT's 32 yard line at the end of the frame.

Coming out of the break, Franey's pass was intercepted by Brian P. Doyle '11 at the eight yard line and returned it for 28 yards. DeRon M. Brown '10 recorded a 14-yard run, but after a pair of incomplete passes, the Rams' Corey Steele intercepted Johnson's toss and brought it up to his own 45 yard line. Facing a fourth and seven from MIT's 39, Franey set up to receive the snap to punt but threw to Anthony Kewley for a 12-yard gain. Leach followed with a 26-yard scamper as Franey capped the drive with a quarterback sneak to give Framingham State a 14-10 advantage with 9:43 left to play.

Back-to-back catches by Forbes of 13 and 25 yards moved the Engineers to Framingham State's 20 yard line. A penalty resulted in a first-and-goal for the hosts, but the Rams denied the scoring opportunity. Following a Framingham three-and-out, the Engineers regained possession on their 37 with 5:23 on the clock. MIT went on to mount a 12-play, 63-yard drive which spanned 4:20 and resulted in a touchdown by Brown from three-yards out. The ensuing extra-point attempt was blocked and held the Engineers to a 16-14 edge with 54 seconds remaining.

On the first play of the Rams' drive, Leach sprinted for a 20-yard gain that put the ball on MIT's 48 yard line. A 16-yard reception by McCarthy helped set up Holbrook's game-winning catch.

Johnson totaled 69 yards on 14 rushes, including 30 during the Engineers' final touchdown drive, while converting 13-of-31 pass attempts for 167 yards. Forbes led the receiving corps with 66 yards on six catches while Brown compiled 91 yards on the day, including 61 in the air. Gilliland paced the defense with 17 tackles including two-and-a-half for loss. Patrick T. Jupe '12 registered 11 tackles as Derek Z. Li '11 contributed eight. Doyle notched seven tackles and a sack for six yards.

MIT will travel to Boyd Division-foe Nichols College next Saturday.

—Mindy Brauer, DAPER Staff



Current members of the Varsity Field Hockey team (white) win against their predecessors 5-0 at the Alumnae Game held on the Barry Astroturf Field on Saturday.



Alum Mary P. Harding '07 (right) and Casandra N. Ceri '13 vie for possession of the ball during the Engineers annual alumnae game on Saturday at Steinbrenner Stadium. The alumnae team, composed of past players and current seniors, lost 0-4.

# Word.



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## UPCOMING HOME EVENTS

Tuesday, September 22, 2009

Men's Tennis vs. UMass—Boston

Women's Volleyball vs. Springfield College

4:30 p.m., duPont Courts

7 p.m., Rockwell Cage

Thursday, September 24, 2009

Men's Water Polo vs. Brown University

7 p.m., Z-Center Pool